




Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 60115
Application ID: 10698304 
Title of Invention: METHOD AND APPARATUS FOR
ACHIEVING TEMPERATURE
UNIFORMITY AND HOT SPOT
COOLING IN A HEAT PRODUCING
DEVICE
First Named Inventor: Kenneth Goodson
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-10-30
Effective Receipt Date: 2004-04-29
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 1389
Attorney Docket Number: NONE




Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: c4bdc400e6e5ff77381521e03b1ee2d7b8909f31

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

| Title of Invention | METHOD AND APPARATUS FOR ACHIEVING TEMPERATURE UNIFORMITY AND HOT SPOT COOLING IN A HEAT PRODUCING DEVICE | | | | | | | | | | | | | | | | |
|--|--|--|---------------------------|-------------|--|--|------------|------------|------------------------|-----------------|--|----------------------|------|--|-------------------------|--|--|
| <table><tr><td>Application Number:</td><td>10/698304</td><td></td></tr><tr><td>Date:</td><td colspan="2">2003-10-30</td></tr><tr><td>First Named Applicant:</td><td colspan="2">Kenneth Goodson</td></tr><tr><td>Confirmation Number:</td><td colspan="2">1389</td></tr><tr><td>Attorney Docket Number:</td><td colspan="2"></td></tr></table> | | | Application Number: | 10/698304 |  | Date: | 2003-10-30 | | First Named Applicant: | Kenneth Goodson | | Confirmation Number: | 1389 | | Attorney Docket Number: | | |
| Application Number: | 10/698304 |  | | | | | | | | | | | | | | | |
| Date: | 2003-10-30 | | | | | | | | | | | | | | | | |
| First Named Applicant: | Kenneth Goodson | | | | | | | | | | | | | | | | |
| Confirmation Number: | 1389 | | | | | | | | | | | | | | | | |
| Attorney Docket Number: | | | | | | | | | | | | | | | | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table> | | | Submitted by: | Elec. Sign. | Sign. Capacity | Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney | | | | | | | | | |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | | | | | | | | | | | |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney | | | | | | | | | | | | | | | |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL01800B-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table> | | | Documents being submitted | Files | us-ids | COOL01800B-usidst.xml | | us-ids.dtd | | us-ids.xsl | | | | | | | |
| Documents being submitted | Files | | | | | | | | | | | | | | | | |
| us-ids | COOL01800B-usidst.xml | | | | | | | | | | | | | | | | |
| | us-ids.dtd | | | | | | | | | | | | | | | | |
| | us-ids.xsl | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of
Invention

METHOD AND APPARATUS FOR ACHIEVING
TEMPERATURE UNIFORMITY AND HOT SPOT COOLING
IN A HEAT PRODUCING DEVICE

Application Number: 10/698304
Confirmation Number: 1389
First Named Applicant: Kenneth Goodson
Attorney Docket Number:



Search string: (5380956 or 5383340 or 5421943 or 5427174
or 5436793 or 5459099 or 5508234 or 5514832
or 5514906 or 5544696 or 5548605 or 5575929
or 5579828 or 5585069 or 5641400 or 5692558
or 5696405 or 5703536 or 5704416 or 5727618
or 5774779 or 5759014 or 5763951 or 5800690
or 5801442 or 5835345 or 5836750 or 5858188
or 5863708 or 5869004 or 5870823 or 5874795
or 5876655 or 5880017 or 5880524 or 5901037
or 5936192 or 5940270 or 5942093 or 5964092
or 5965001 or 5965813 or 5978220 or 5997713
or 5998240 or 6007309 or 6010316 or 6013164
or 6019882 or 6054034).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|----------------------|------|-------|----------|
| | 1 | 5380956 | 1995-01-10 | Loo et al. | | | |
| | 2 | 5383340 | 1995-01-24 | Larson et al. | | | |
| | 3 | 5421943 | 1995-06-06 | Tam et al. | | | |
| | 4 | 5427174 | 1995-06-27 | Lomolino, Sr. et al. | | | |
| | 5 | 5436793 | 1995-07-25 | Sanwo et al. | | | |
| | 6 | 5459099 | 1995-10-17 | Hsu | | | |
| | 7 | 5508234 | 1996-04-16 | Dusablon, Sr. et al. | | | |
| | 8 | 5514832 | 1996-05-07 | Dusablon, Sr. et al. | | | |
| | 9 | 5514906 | 1996-05-07 | Love et al. | | | |
| | | | | | | | |

| | | | | |
|--|----|---------|------------|-------------------|
| | 10 | 5544696 | 1996-08-13 | Leland |
| | 11 | 5548605 | 1996-08-20 | Benett et al. |
| | 12 | 5575929 | 1996-11-19 | Yu et al. |
| | 13 | 5579828 | 1996-12-03 | Reed et al. |
| | 14 | 5585069 | 1996-12-17 | Zanzucchi et al. |
| | 15 | 5641400 | 1997-06-24 | Kaltenbach et al. |
| | 16 | 5692558 | 1997-12-02 | Hamilton et al. |
| | 17 | 5696405 | 1997-12-09 | Weld |
| | 18 | 5703536 | 1997-12-30 | Davis et al. |
| | 19 | 5704416 | 1998-01-06 | Larson et al. |
| | 20 | 5727618 | 1998-03-17 | Mundinger et al. |
| | 21 | 5774779 | 1998-06-30 | Tuchinskiy |
| | 22 | 5759014 | 1998-06-02 | Van Lintel |
| | 23 | 5763951 | 1998-06-09 | Hamilton et al. |
| | 24 | 5800690 | 1998-09-01 | Chow et al. |
| | 25 | 5801442 | 1998-09-01 | Hamilton et al. |
| | 26 | 5835345 | 1998-11-10 | Staskus et al. |
| | 27 | 5836750 | 1998-11-17 | Cabuz |
| | 28 | 5858188 | 1999-01-12 | Soane et al. |
| | 29 | 5863708 | 1999-01-26 | Zanzucchi et al. |
| | 30 | 5869004 | 1999-02-09 | Parce et al. |
| | 31 | 5870823 | 1999-02-16 | Bezama et al. |
| | 32 | 5874795 | 1999-02-23 | Sakamoto |
| | 33 | 5876655 | 1999-03-02 | Fisher |
| | 34 | 5880017 | 1999-03-09 | Schwiebert et al. |
| | 35 | 5880524 | 1999-03-09 | Xie |
| | 36 | 5901037 | 1999-05-04 | Hamilton et al. |
| | 37 | 5936192 | 1999-08-10 | Tauchi |
| | 38 | 5940270 | 1999-08-17 | Puckett |
| | 39 | 5942093 | 1999-08-24 | Rakestraw et al. |
| | 40 | 5964092 | 1999-10-12 | Tozuka et al. |
| | 41 | 5965001 | 1999-10-12 | Chow et al. |
| | 42 | 5965813 | 1999-10-12 | Wan et al. |
| | 43 | 5978220 | 1999-11-02 | Frey et al. |
| | 44 | 5997713 | 1999-12-07 | Beetz, Jr. et al. |
| | 45 | 5998240 | 1999-12-07 | Hamilton et al. |
| | | | | |

| | | | | |
|--|----|---------|------------|---------------|
| | 46 | 6007309 | 1999-12-28 | Hartley |
| | 47 | 6010316 | 2000-01-04 | Haller et al. |
| | 48 | 6013164 | 2000-01-11 | Paul et al. |
| | 49 | 6019882 | 2000-02-01 | Paul et al. |
| | 50 | 6054034 | 2000-04-25 | Soane et al. |

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |